

# **InkZoneTVI User Guide**

Find more information about the product on our website:

<http://www.digiinfo.com>

Digital Information  
Technoparkstrasse 1  
CH-8005 Zurich  
Switzerland

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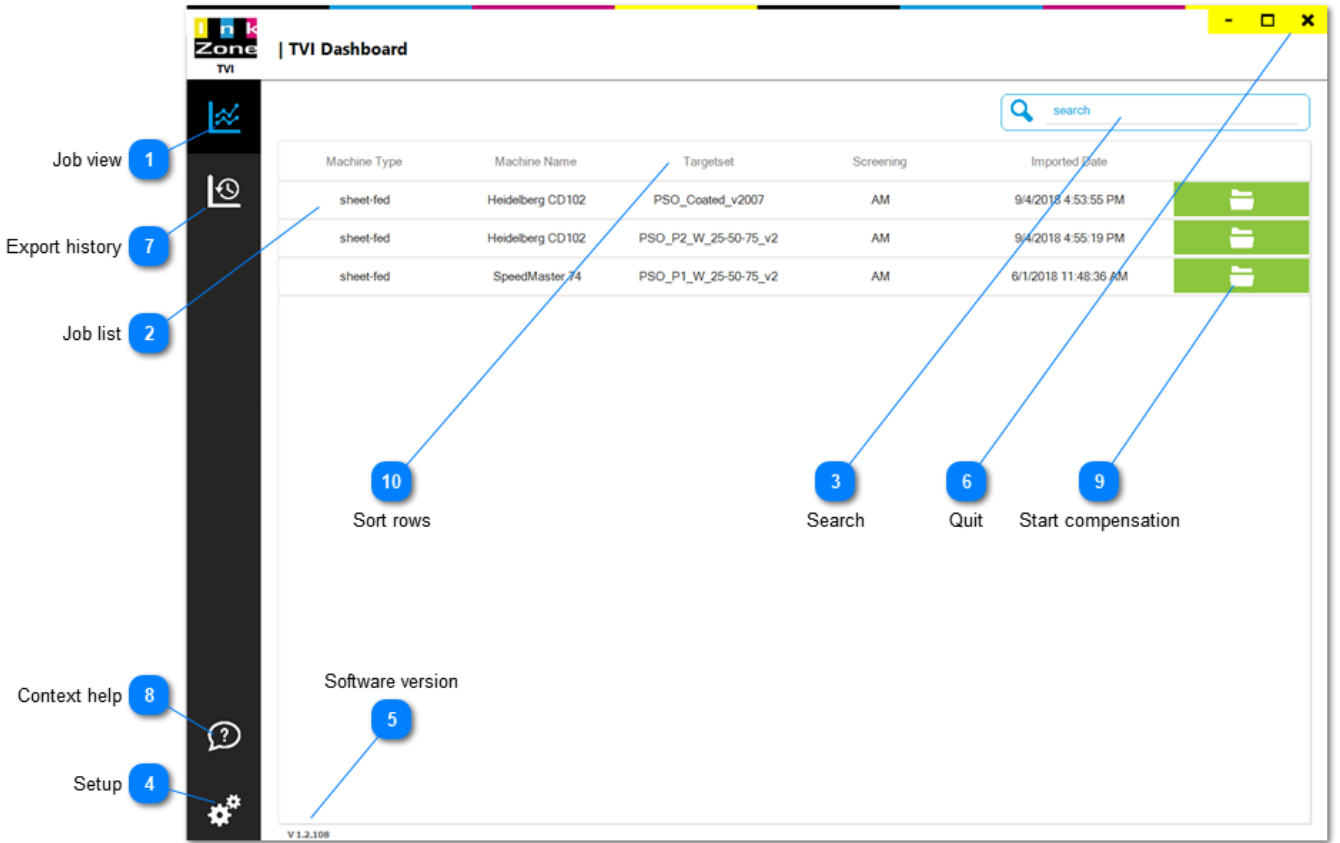
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# 1. Screens for Online Manual

## 1.1. Dashboard



**1 Job view**

Refresh job list with a click on it

**2 Job list**

Machine Type	Machine Name	Targetset	Screening	Imported Date
sheet-fed	Heidelberg CD102	PSO_Coated_v2007	AM	9/4/2018 4:53:55 PM
sheet-fed	Heidelberg CD102	PSO_P2_W_25-50-75_v2	AM	9/4/2018 4:55:19 PM
sheet-fed	SpeedMaster 74	PSO_P1_W_25-50-75_v2	AM	6/1/2018 11:48:36 AM

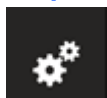
All the prepared plate compensation jobs generated by InkZoneMove / InkZoneReport. Sort it the job list by selecting "Machine Name" or "Imported Date" etc from the header. Press the green button to start with a curve compensation.

**3 Search**

Searches for a plate compensation job

4

Setup



Opens the configuration page

5

Software version



Software version

6

Quit



Quits software

**7** Export history



Review all exported CTP compensation curves from here

**8** Context help



Shows the help page from the active page

**9** Start compensation



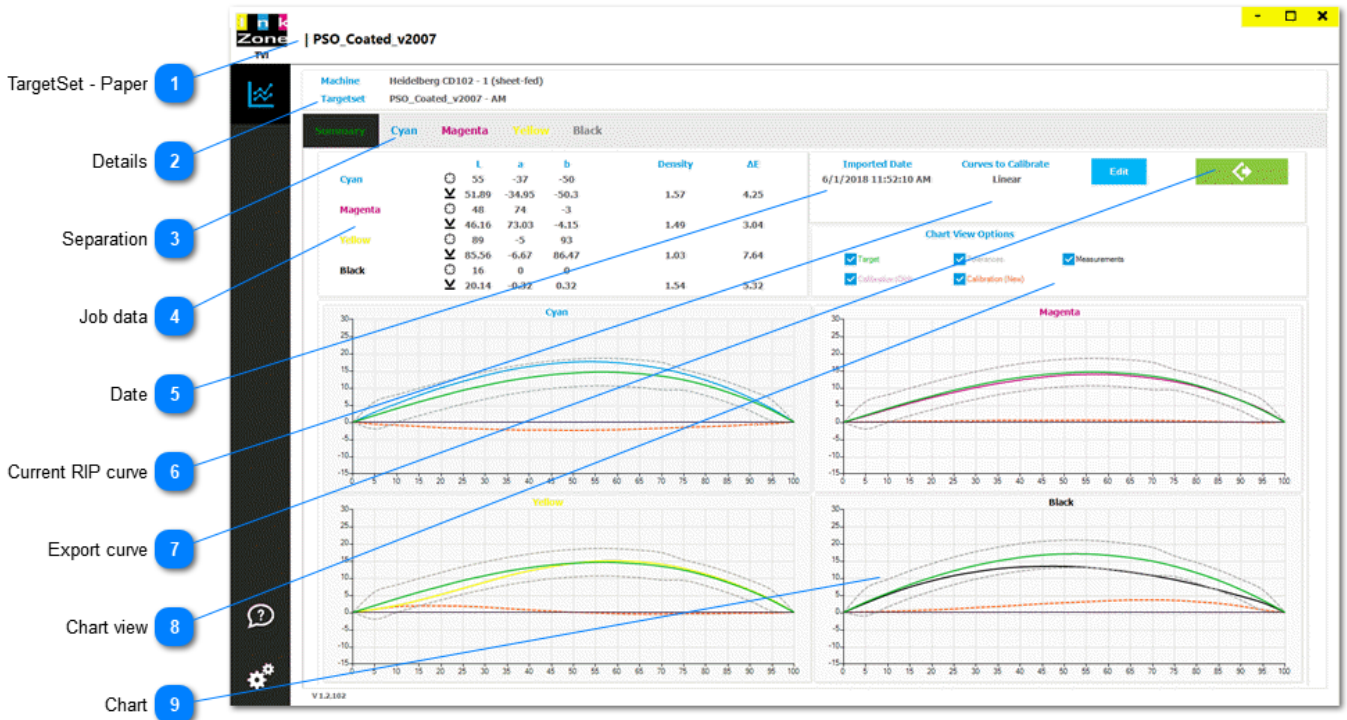
Press here to start view the dataset and export CTP compensation data

**10** Sort rows



Press on one of the items for sorting the job list

1.2. Job View



1 TargetSet - Paper

PSO\_Coated\_v2007

Targetset name is linked to an paper class, like ISO paper class 1. The targetset's name is set-up within InkZoneMove.

2 Details

Machine Heidelberg CD102 - 1 (sheet-fed)  
 Targetset PSO\_Coated\_v2007 - AM

Displays press machine name, targetset and screening. These parameters are set-up within InkZoneMove

3 Separation

Cyan Magenta Yellow Black

Select the color separation to view an enlarged chart.  
 See here [1.2.1. Separation](#)

4 Job data

	L	a	b	Density	ΔE
Cyan	55	-37	-50	1.57	4.25
Magenta	48	74	-3	1.49	3.04
Yellow	89	-5	93	1.03	7.64
Black	16	0	0	1.54	5.32

Shows job data as **target** and **printed** Lab. The last two columns are **average printed density** and **average printed DeltaE**

5

Date

Imported Date  
6/1/2018 11:52:10 AM

Date and time of the data export.

6

Current RIP curve

Curves to Calibrate  
Linear

Select the active CTP compensation curve which was used to print the job.  
Select either linear or manual curve or the last used exported compensation curve.  
If **manual curve** is selected than setup the current active compensation curve data with a click on the datapoint:

Zone | Curves to Calibrate

Manual

X (%)	K (%)	C (%)	M (%)	Y (%)
10	10	10	10	10
25	<input type="text" value="25"/>	25	25	25
50	50	50	50	50
80	80	80	80	80
90	90	90	90	90



7

Export curve



Export new compensation curve. After the export, Windows explorer shows the resulting curve file.  
Setup the Prepress export workflow format and path here: [1.3. Settings](#)

8

Chart view

Chart View Options

Target       Tolerances       Measurements

Calibration (Old)       Calibration (New)

Configure the chart by enabling/disabling the curve preview for target, measurement, etc

9

Chart



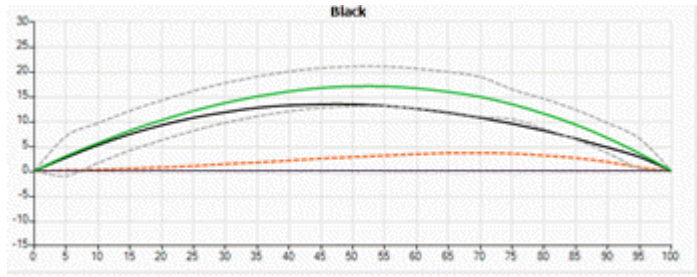
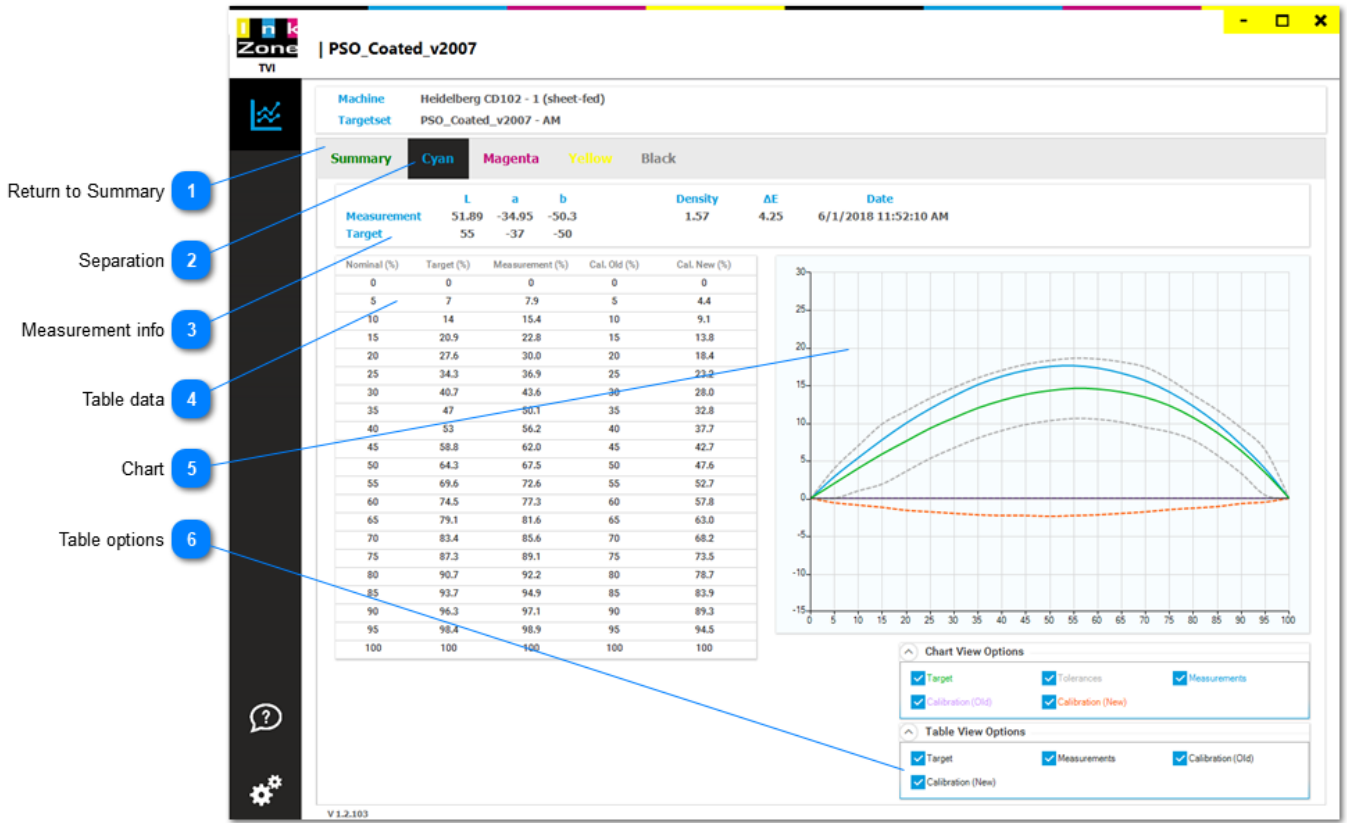


Chart with selected curves

1.2.1. Separation



1 Return to Summary

Summary

Return to Summary page

2 Separation

Cyan Magenta Yellow Black

Select the separation. The current displayed color has a dark background.

3 Measurement info

	L	a	b	Density	ΔE	Date
Measurement	51.89	-34.95	-50.3	1.57	4.25	6/1/2018 11:52:10 AM
Target	55	-37	-50			

- measured and target Lab
- average printed density
- average DeltaE
- date and time

4 Table data

Nominal (%)	Target (%)	Measurement (%)	Cal. Old (%)	Cal. New (%)
0	0	0	0	0
5	7	7.9	5	4.4
10	14	15.4	10	9.1
15	20.9	22.8	15	13.8
20	27.6	30.0	20	18.4

Columns with values from 0 to 100

Rows with data for:

- Nominal: TVI position
- Target: TVI targetset by InkZoneMove
- Measurement: printed and measured TVI exported by InkZoneMove
- last calculated and applied TVI compensation curve in workflow RIP
- new calculated TVI compensation curve based on current active curve and measurement data

5

Chart

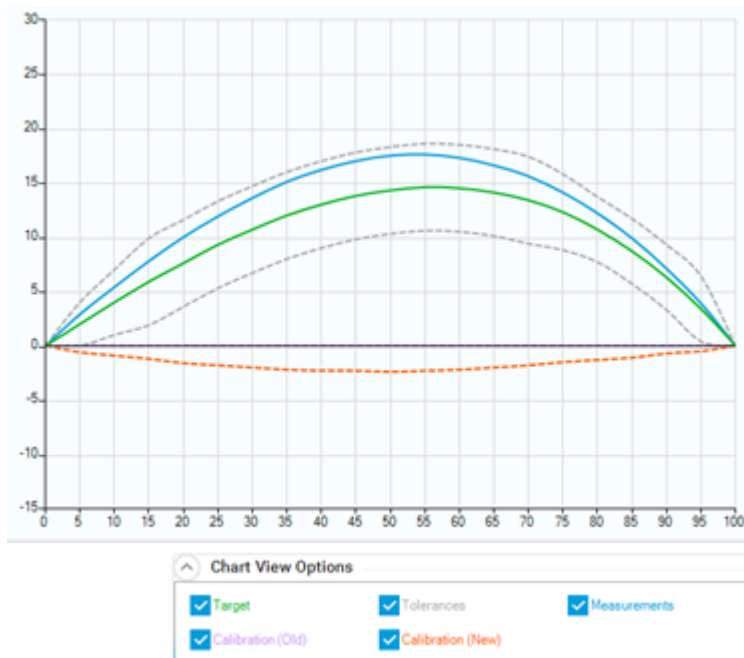


Chart view with displaying curves activated in Chart View Options:

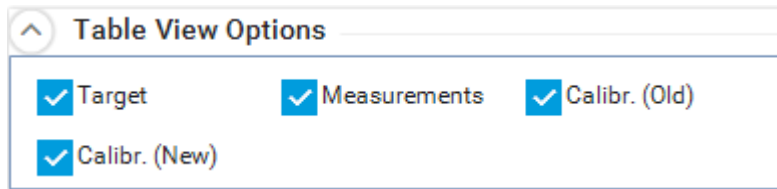
- Target: native TVI target curve of selected press and paper , set by InkZoneMove
- Tolerance: tolerance for TVI target curve, set by InkZoneMove
- Measurement data: shows printed TVI of selected press and paper exported by InkZoneMove
- Calibration old: last calculated and applied TVI compensation curve in the RIP, currently active CTP calibration curve
- Calibration new: new calculated TVI calculation curve based on current active CTP calibration curve and measurement data

6

Table options

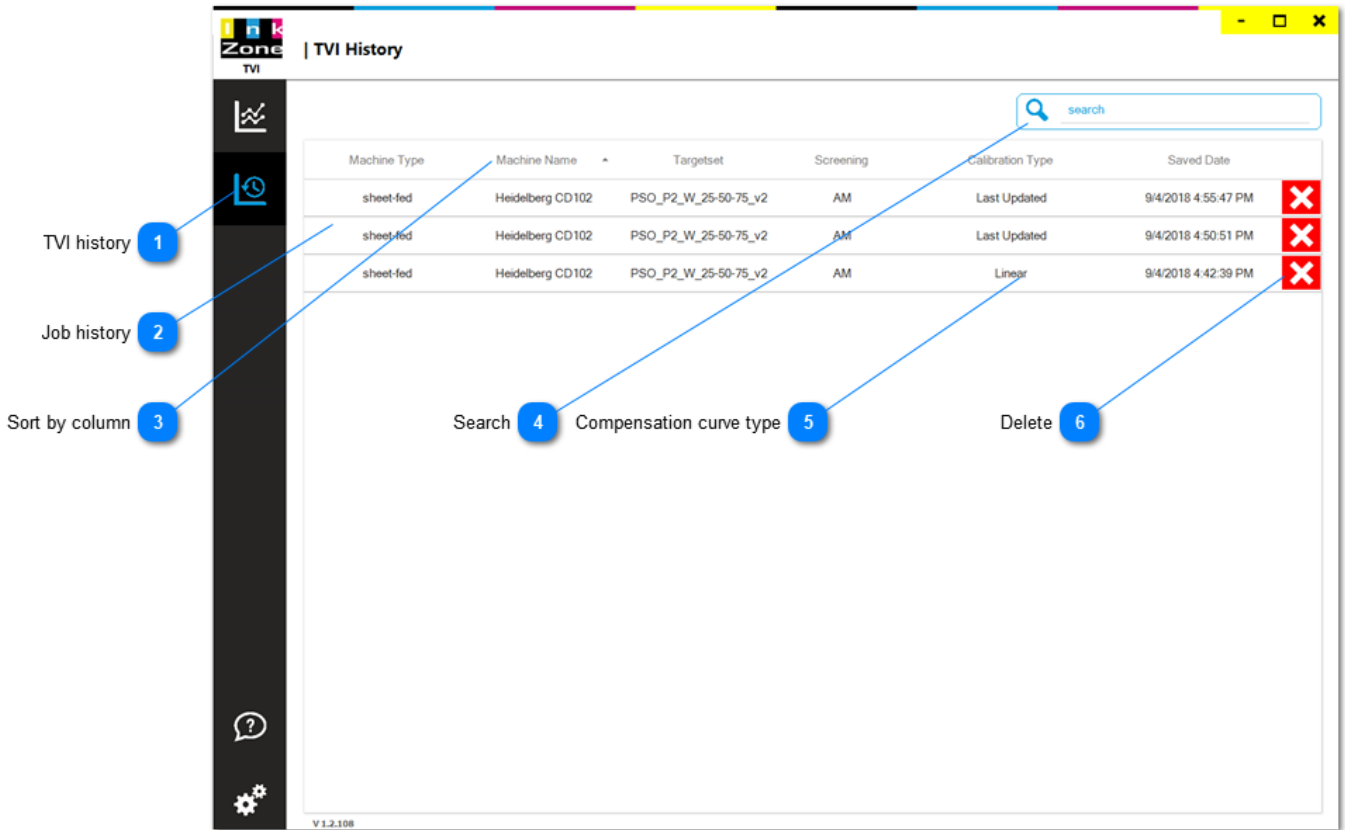
The 'Table View Options' panel shows four checked options: 'Target', 'Measurements', 'Calibration (Old)', and 'Calibration (New)'. The 'Tolerances' option is not visible in this panel.

Select curve to be viewed in the table:



- Target: native TVI target curve of selected press and paper , set by InkZoneMove
- Measurement data: shows printed TVI of selected press and paper exported by InkZoneMove
- Calibration old: last calculated and applied TVI compensation curve in the RIP, currently active CTP calibration curve
- Calibration new: new calculated TVI calculation curve based on current active CTP calibration curve and measurement data

### 1.3. TVI History



#### 1 TVI history



Shows a list with previously exported jobs

#### 2 Job history

Machine Type	Machine Name	Targetset	Screening	Calibration Type	Saved Date
sheet-fed	Heidelberg CD102	PSO_P2_W_25-50-75_v2	AM	Last Updated	9/4/2018 4:55:47 PM
sheet-fed	Heidelberg CD102	PSO_P2_W_25-50-75_v2	AM	Last Updated	9/4/2018 4:50:51 PM
sheet-fed	Heidelberg CD102	PSO_P2_W_25-50-75_v2	AM	Linear	9/4/2018 4:42:39 PM

Table with all exported jobs. Sort it with a click on the column header

#### 3 Sort by column

Machine Name

Column header. Click on it to sort it top-down or vice versa

#### 4 Search



Find a particular job with job search

## 5 Compensation curve type

Calibration Type
Last Updated
Last Updated
Linear

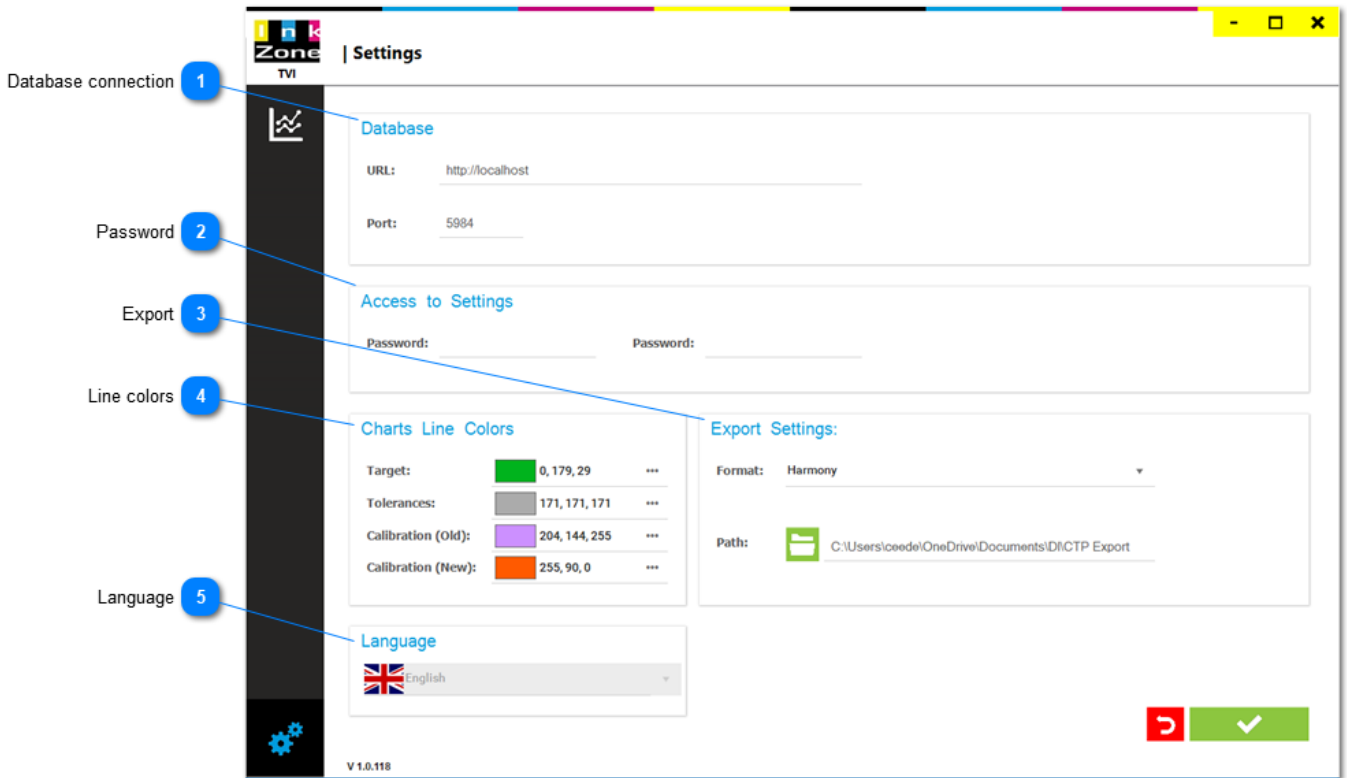
Column indicating the calibration type on which the new calibration was applied to. It's either **Linear** or **Last updated**

## 6 Delete



Deletes a previously exported entry

### 1.4. Settings



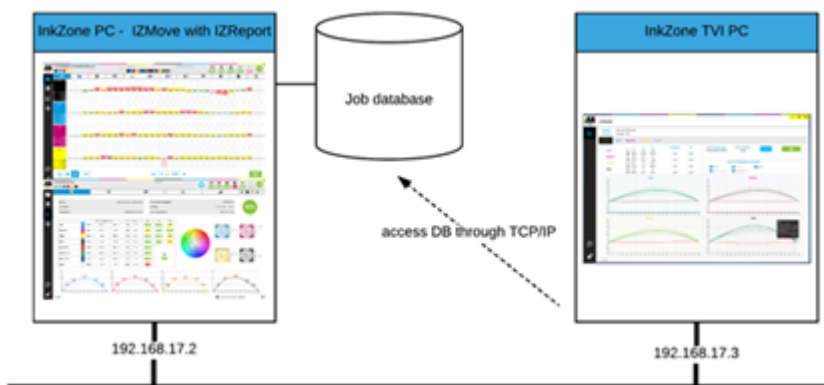
#### 1 Database connection



Select here the URL and the port address to the InkZoneMove database.

For IZTVI installation where InkZoneMove is installed on the same computer set it to `http://localhost` with port 5984 .

For an installation where InkZoneMove is installed on a remote computer, like in CTP room, set the address `http://IP-ADDRESS`, like `http://192.168.17.2`.




**2** Password  
Access to Settings

Password: \_\_\_\_\_ Password: \_\_\_\_\_

To restrict access to the setup parameters add here a password.





**3** Export  
Export Settings:

Format: Harmony \_\_\_\_\_

Path:  C:\Users\ceede\OneDrive\Documents\DIRCTP Export \_\_\_\_\_


Select the export data format and the path for the CTP compensation curve data

**4** Line colors  
Charts Line Colors

Target:		0, 179, 29	***
Tolerances:		171, 171, 171	***
Calibration (Old):		204, 144, 255	***
Calibration (New):		255, 90, 0	***

Configure the colors for the lines in the chart view

**5** Language  
Language

 English \_\_\_\_\_

Select the program language



